BRS	21	mukasa.in. and optic\$		2002/05/04 11:44	1	
			rflow. Return string from Server is: 5`140`228			
BRS	0	09760822.ap. USPA		02/05/04 11:19	0	
BRS	0	09623416.ap. USPA		02/05/04 11:48	0	
BRS	1	5862287.pn. USPA	Γ 200	02/05/04 11:48	0	
BRS	1	5862287.pn. USPA	Γ 200	02/05/04 11:58	0	
BRS	13	5862287.URPN.	USPAT	2002/05/04 11:50		
	0					
BRS	0	6249630.URPN.	USPAT	2002/05/04 11:52		
DIG	0	0219030101411				
BRS	16	dispersion and Belov	LISPAT	2002/10/20 19:00		
DK9	0	dispersion and Delov	OBITE	2002/10/20 19:00		
מממ		(205720 LIDDN	USPAT	2002/05/04 12:34		
BRS	0	6305729.URPN.	USPAT	2002/03/04 12.34		
	0		******	2002/05/04 12 24		
BRS	1	6084993.URPN.	USPAT	2002/05/04 12:34		
	0					
BRS	5	6031955.URPN.	USPAT	2002/05/04 12:36		
	0					
BRS	0	6324327.URPN.	USPAT	2002/05/04 12:40		
	0					
BRS	0	6233387.URPN.	USPAT	2002/05/04 12:46		
DIG	0	0233307.OIG 14.	001711	2002, 00, 01, 12, 10		
BRS	1	"5995695".PN.	USPAT	2002/05/04 12:49		
DKS		3373073 .I IV.	OSIAI	2002/03/04 12:19		
DDG	0	SOOS COS LIDDNI	USPAT	2002/05/04 12:49		
BRS	5	5995695.URPN.	USPAT	2002/03/04 12.49		
	0	(0.0 (T.10 TID D) I	TIODAE	2002/05/04 12 50		
BRS	0	6336749.URPN.	USPAT	2002/05/04 12:59		
	0					
BRS	0	6343175.URPN.	USPAT	2002/05/04 13:00		
	0					
BRS	0	6345140.URPN.	USPAT	2002/05/04 13:00		
	0					
BRS	1	6091873.URPN.	USPAT	2002/05/04 13:04		
	0					
BRS	28	6091873.URPN. or 5	995695.UR	PN. or "5995695".PN. or		
					Т	
6031955.URPN. or 6084993.URPN. or (dispersion and Belov) USPAT 2002/05/04 22:00 0						
DDC		= = = =	•	PN or "5995695" PN or		
BRS 11 (6091873.URPN. or 5995695.URPN. or "5995695".PN. or						
	5031955.URPN. or 6084993.URPN. or (dispersion and Belov)) and (dispersion near2 value) USPAT 2002/05/04 13:40 0					
,						
	BRS 8 ((6091873.URPN. or 5995695.URPN. or "5995695".PN. or					
	6031955.URPN. or 6084993.URPN. or (dispersion and Belov)) and (dispersion near2 value)) and (1.3 or "1300") USPAT 2002/05/04 13:47 0					
BRS 7 (((6091873.URPN. or 5995695.URPN. or "5995695".PN. or						
60319	55.URI	PN. or 6084993.URPN	. or (dispers	ion and Belov)) and (disposition	ersion near2	

```
2002/05/04 13:51
value)) and (1.3 or "1300")) and (bend or diameter) USPAT
             ((((6091873.URPN. or 5995695.URPN. or "5995695".PN. or
6031955.URPN. or 6084993.URPN. or (dispersion and Belov)) and (dispersion near2
value)) and (1.3 or "1300")) and (bend or diameter)) and (dB$ or decibel) USPAT
                                  Truncation Overflow. Return string from Server is:
       2002/05/04 14:50
5'0'0'DB$
              1
                                                 2002/05/04 14:49
                                   USPAT
              6266467.URPN.
       0
BRS
                                                                     2002/05/04
              5721800.pn. or 6009222.pn. or 6072929.pn. USPAT
       0
 BRS
       3
 16:54
                                                 2002/05/04 14:51
                                   USPAT
               6072929.URPN.
 BRS
        12
        0
                                                 2002/05/04 21:59
                                   USPAT
               6072929.URPN.
        12
 BRS
        0
                                                 2002/05/04 15:27
                                    USPAT
               6169837.URPN.
        0
 BRS
        0
                                                  2002/05/04 15:27
                                    USPAT
               6169837.URPN.
        0
  BRS
               ("5649044" | "5684909" | "5822488" | "5999679" | "6072929").PN.
         5
  BRS
                       2002/05/04 21:59
         USPAT
                                                         2002/05/05 06:31
                (-20 or -10) with ps/nm$
                                           USPAT
         16
  BRS
         0
                                                         2002/05/06 08:03
                (-5 or "5") with ps/nm$
                                           USPAT
         64
  BRS
                                                                       2002/05/04
                ((-5 or "5") with ps/nm$) and 385/12$1.ccls. USPAT
         0
         35
  BRS
  21:58
                ((-5 or "5") with ps/nm$) and 385/12$1.ccls.
                                                                USPAT
         35
   BRS
          2002/05/04 21:58
                                                          2002/05/04 21:58
                                            USPAT
                (-5 or "5") with ps/nm$
          64
   BRS
                 ("5649044" | "5684909" | "5822488" | "5999679" | "6072929").PN.
          0
          5
   BRS
                        2002/05/04 21:59
          USPAT
                                                   2002/05/04 21:59
                                      USPAT
                 6072929.URPN.
   BRS
          12
                 6091873.URPN. or 5995695.URPN. or "5995695".PN. or
          0
    6031955.URPN. or 6084993.URPN. or (dispersion and Belov)
          28
                                                                 USPAT
           2002/05/04 22:01
                 (((-5 or "5") with ps/nm\$) and 385/12\$1.ccls. ) or ((-5 or "5") with ps/nm\$
    ) or ((-20 or -10) with ps/nm$) or (("5649044" | "5684909" | "5822488" | "5999679" |
    "6072929").PN. ) or 6072929.URPN. or (6091873.URPN. or 5995695.URPN. or
    "5995695".PN. or 6031955.URPN. or 6084993.URPN. or (dispersion and Belov))
                         2002/05/04 22:02
                  ((((-5 or "5") with ps/nm\$) and 385/12\$1.ccls. ) or ((-5 or "5") with
           USPAT
     ps/nm$) or ((-20 or -10) with ps/nm$) or (("5649044" | "5684909" | "5822488" |
    BRS
     "5999679" | "6072929").PN. ) or 6072929.URPN. or (6091873.URPN. or
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5995695.URPN. or "5995695".PN. or 6031955.URPN. or 6084993.URPN. or (dispersion
                                                                2002/05/04 23:54
and Belov) ) ) and ((core with clad$) same index)
                                                 USPAT
                                                  2002/05/04 22:27
              6266467.URPN.
                                   USPAT
BRS
       0
       0
                                                                2002/05/05 00:25
              clad$ with core with definition
                                                  USPAT
       13
BRS
              ((((-5 \text{ or "5"}) \text{ with ps/nm})) \text{ and } 385/12\$1.\text{ccls.}) \text{ or } ((-5 \text{ or "5"}) \text{ with }
      5
BRS
ps/nm$) or ((-20 or -10) with ps/nm$) or (("5649044" | "5684909" | "5822488" |
"5999679" | "6072929").PN. ) or 6072929.URPN. or (6091873.URPN. or
5995695.URPN. or "5995695".PN. or 6031955.URPN. or 6084993.URPN. or (dispersion
and Belov))) and (double adj core) USPAT
                                                  2002/05/06 07:57
       0
                                                  2002/05/05 01:01
                                    USPAT
               6256440.URPN.
       1
BRS
        0
                                                   2002/05/05 01:05
                                    USPAT
               6363196.URPN.
       0
BRS
        0
                                                   2002/05/05 01:39
                                    USPAT
               6072929.URPN.
 BRS
        12
        0
               (core with (diam$ or OD) with (precis$ or accura$)) and optic$ and fiber
        282
 BRS
                                                   Truncation Overflow. Return string
                      2002/05/05 02:27
        USPAT
 from Server is: 5'242872'
               ((core with (diam$ or OD) with (precis$ or accura$)) and optic$ and fiber)
                                                                        Truncation
                                            2002/05/05 02:29
                             USPAT
 and (doubl$ with $core)
 Overflow. Return string from Server is: 5'0'0'DOU 1
               (core with (diam$ or OD) with (tolera$)) and optic$ and fiber
 BRS
        114
                                                   Truncation Overflow. Return string
                       2002/05/05 02:28
        USPAT
 from Server is: 5'242872'
               ((core with (diam$ or OD) with (tolera$)) and optic$ and fiber) and
                                                                 Truncation Overflow.
                                     2002/05/05 04:27
 (doubl$ with $core) USPAT
 Return string from Server is: 5'0'0'DOU
                                            1
               (bend$ with loss) and ("32" same "20") and 385/$.ccls.
                                                                         USPAT
 BRS
        156
                                     Truncation Overflow. Return string from Server is:
         2002/05/05 05:09
 5'0'0'BEN
                1
                ((bend$ with loss) same ("32" with "20")) and 385/$.ccls. USPAT
 BRS
        4
                                     Truncation Overflow. Return string from Server is:
         2002/05/05 04:34
  5'0'0'BEN
                1
                (bend$ with loss) and ("32" with mm) and ("20" with mm) and 385/$.ccls.
  BRS
         7
                                                    Truncation Overflow. Return string
                       2002/05/05 04:47
         USPAT
  from Server is: 5'0'0'BEN
                              1
                (bend$ with loss) and ("16" with mm) and ("10" with mm) and 385/$.ccls.
         19
  BRS
                                                    Truncation Overflow. Return string
                       2002/05/05 04:56
         USPAT
  from Server is: 5'0'0'BEN
                (bend$ with loss) same (("32" adj1 mm) or ("20" adj1 mm)) and
         35
  BRS
                                                           Truncation Overflow. Return
                               2002/05/05 04:58
                USPAT
  385/$.ccls.
  string from Server is: 5'0'0'BEN
                                      1
```

4.

```
(bend$ with loss) and ((dispers$ near2 $shift$) same fiber) and 385/$.ccls.
                                                  Truncation Overflow. Return string
       44
BRS
                     2002/05/05 05:15
       USPAT
from Server is: 5'0'0'BEN
                            1
              ((bend$ with loss) and ((dispers$ near2 $shift$) same fiber) and
       17
BRS
                                                                        2002/05/06
385/$.ccls.) and (("20" adj1 mm) or ("32" adj1 mm))
                                                          USPAT
06:30
                                                          2002/05/05 06:38
               ("20" with dB/m) and ps/km$USPAT
       5
BRS
       0
                                                                 2002/05/05 06:39
               385/$.ccls. and "ps/km.sup.1/2"
                                                   USPAT
       14
BRS
               (band with (EA or (effective with area))) and 385/$.ccls.
                                                                         USPAT
        14
BRS
        2002/05/06 06:38
               ((band with (EA or (effective with area))) and 385/$.ccls.) and ((zero or
 BRS
                                     2002/05/06 06:47
 no) adj1 dispersion) USPAT
                                                                                0
                                            2002/05/06 06:40
               5483612.pn. USPAT
 BRS
               ("1330" or 1.3) with ((zero or no) adj1 dispersion) USPAT
 BRS
        2002/05/06 07:07
               (("1330" or 1.3) with ((zero or no) adj1 dispersion)) and 385/$.ccls.
        68
 BRS
                       2002/05/06 06:48
        USPAT
               (("1330" or 1.3) with ((zero or no) adj1 dispersion)) and (diameter with
        12
 BRS
                       2002/05/06 07:09
 band) USPAT
                ((("1330" or 1.3) with ((zero or no) adj1 dispersion)) and (MFD with
  band)) and ((("1330" or 1.3) with ((zero or no) adj1 dispersion)) and (diameter with
 BRS
                       2002/05/06 07:10
  band)) USPAT
                ((("1330" or 1.3) with ((zero or no) adj1 dispersion)) and (MFD with
  band)) or ((("1330" or 1.3) with ((zero or no) adj1 dispersion)) and (diameter with band))
                        2002/05/06 07:11
         USPAT
                (("1330" or 1.3) with ((zero or no) adj1 dispersion)) and (MFD with band)
  BRS
         3
                        2002/05/06 07:49
         USPAT
                ((((-5 \text{ or "5"}) \text{ with ps/nm\$}) \text{ and } 385/12\$1.\text{ccls.}) \text{ or } ((-5 \text{ or "5"}) \text{ with }
  BRS
  ps/nm$) or ((-20 or -10) with ps/nm$) or (("5649044" | "5684909" | "5822488" |
  "5999679" | "6072929").PN. ) or 6072929.URPN. or (6091873.URPN. or
  5995695.URPN. or "5995695".PN. or 6031955.URPN. or 6084993.URPN. or (dispersion
                                                     2003/01/23 13:32
  and Belov))) and (double adj core) USPAT
          0
                 ((band with (EA or (effective with area))) and 385/$.ccls.) and ((((-5 or
   "5") with ps/nm$) and 385/12$1.ccls.) or ((-5 or "5") with ps/nm$) or ((-20 or -10) with
   BRS
   ps/nm$) or (("5649044" | "5684909" | "5822488" | "5999679" | "6072929").PN.) or
   6072929.URPN. or (6091873.URPN. or 5995695.URPN. or "5995695".PN. or
   6031955.URPN. or 6084993.URPN. or (dispersion and Belov))) and (double adj core))
                         2002/05/06 07:59
          USPAT
                                                             2002/05/06 08:04
                                              USPAT
                 (-1 and "1") with ps/nm$
          4
   BRS
           0
                                                      2002/05/06 08:05
                                        USPAT
                 (-1) with ps/nm$
           8.
   BRS
```

BRS	16 0	(-20 or -10) wi	th ps/n	m\$	USPA	Т	2002/0	05/06 09	9:42	
BRS	7	6072929.pn. or	5022 <i>4</i>	00 nn	or 6207	001 nn	or 505	2701 pr	. or	
6233387.pn. or 5995695.pn. or 5999679.pn. USPAT 2002/05/06 09:43										
BRS	16 0	dispersion and	Belov	USPA	Γ	2002/0)5/13 1	1:49		
BRS	0	"325913"	JPO	2002/0	9/10 14	1:22			0	
BRS	0	"325913"	JPO	2002/0	9/10 14	1:18			0	
BRS	0	"325913"	JPO	2002/0	9/10 14	1:18			0	
BRS	0	10-325913	JPO	2002/0	9/10 14	1:19			0	
BRS	4096	Furukawa and	"1998"	JPO	2002/0	9/10 14	1:21			0
BRS	0	Furukawa and				JPO	2002/0	09/10 14	4:22	
210	0									
BRS	0	Furukawa and	1998 rl	nd.	JPO	2002/0	9/10 1	4:22		
DIG	0	I di dika wa dira	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	·P u ·	•••		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
BRS	0	"325913" and	Furuka	wa	JPO	2002/0	09/10 1	4.23		
DIG	0	323713 and	i uruka	wa	31 0	2002/))/10 I	1.23		
BRS	0	"325913"	JPO	2002/0	9/10 14	1.38			0	
BRS	1		DERW		-	7.30)9/10 14	1.30		U	0
BRS	2357	(Furukawa wit						2002/0	09/10 1	-
DKS	2331	(Fulukawa wii	ii Elect	ric) and	1990	DERV	V LCIN I	2002/	<i>39/</i> 10 1	7.7/
BRS	0	(Furukawa wit	h Flact	ric) and	"08 12	1008"	DERV	VENT	2002/	09/10
	U	(ruiukawa wii	ii Eicci	ric) and	00.12	1996	DUKV	A 171A 1	2002/	07/10
14:45	0	(Furukawa wit	h Elect	ria) and	08 12	1008	DERV	WENIT	2002/	09/10
BRS 14:45	U	(Fulukawa wii	ii Elect	ric) and	100.12.	1990	DERV	V LOIN I	2002/	09/10
BRS	0	(Furukawa wit	h Elect	mia) and	0012	10	DEDA	VENT	2002/	09/10
	U	(Furukawa wii	n Elect	ric) and	10012.5	70	DEK	VICINI	2002/	03/10
14:45	0	(Example example example)	h Elect	mia) and	00 12	00	DEDI	VENT	2002/	09/10
BRS	0	(Furukawa wit	n Elect	ric) and	100.12.	90	DEK	VENI	2002/	09/10
14:45	17	0 ((E1	th Elec	سم (منسه	J #1000	ond i	(diamon	ion wit	h fibar)	
BRS	17	((Furukawa wi			a 1998	and		sion wit	n moer,	,
DDG		VENT 2002/0			TEN IT		0	4.40		
BRS	0	1998JP032591	3	DEKW	/ENT	2002/0	09/10 1	4:49		
DDC	0	1000ID 02250	.1.2	DEDI	TEN ITE	2002//	00/10 1	1.51		
BRS	1	1998JP-03259	13	DERW	/ENT	2002/0	09/10 1	4:54		
DD C	0	10.005010	DEDI	7733 TOD	2002//	20/10 1	4 5 4			0
BRS	0	10-325913		/ENT		09/10 14				0
BRS	1	"325913"	DERW			09/10 1:				0
BRS	1		USPA			09/10 1:				0
BRS	1	-	USPA			09/10 1:				0
BRS	1	6009221.pn.	USPA			09/10 1:				0
BRS	1	6055353.pn.	USPA			09/10 10				0
BRS	770	(negative with 0	dispers	sion) an	d fiber	USPA	T	2002/	09/10 1	6:11
BRS	9	((negative with	h dispe	rsion) aı	nd fiber	e) and W	V-shape	\$3	USPA	AT
		09/10 16:37	•	,	0	-	•			

April 12 A

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	. =0	(dispersion with value) same (dispersion with slope)U	SPAT				
BRS	100/40 16 20						
550		(dispersion with value) with (dispersion with slope) U	SPAT				
BRS	152	0.40.16.20					
		(dispersion adj1 value) with (dispersion adj1 slope) U	JSPAT				
BRS	61	0					
-50	2002/09/10 16:43 0 53 ((dispersion adj1 value) with (dispersion adj1 slope)) and (negative)						
BRS	53						
with (dispersion adil slope)) and (negative							
$\sim 100 \text{ AT}$ $2002/09/10 18:11$							
value	•	6084993.URPN. USPAT 2002/09/10 16:4	48				
BRS	2						
DDC	7	5854871.URPN. USPAT 2002/09/10 17:	39				
BRS	0						
BRS	35	5327516.URPN. USPAT 2002/09/10 17:	43				
DKo	0		0				
BRS	1	5675688.pn. USPAT 2002/09/10 20:11	•				
BRS		5675688.pn. USPA1 2002/09/10 2011 ((index adj1 refraction) or RI) with (dispersion adj1	value) USFA1				
DIG	2002/10/20 18:40						
BRS		dispersion and Belov and (mode with diameter)	USPAI				
DIG	2002	/10/20 19:00	0				
BRS		6266467.pn. USPAT 2003/01/23 14.23					
BRS		6266467.URPN. USPAT 2003/01/23 13	.52				
	0	- 2002/01/22 14:23	0				
BRS	3 1	6212322.pn. USPAT 2003/01/23 14:33	2003/01/27 08:27				
BRS	86	dispersion with slope with "1550" USPAT	2003/01/-				
		0 (dispersion with slope with "1550") and (negative with dispersion)					
BRS		104 /0F 00 00					
	USPAT 2003/01/27 08:28 0 S 19 (dispersion with slope with "1550") and ("40" with dispersion)						
BR			,				
	USI	PAT 2003/01/27 08:51 0 (DCF with PANDA) and 385/\$.ccls. USPAT	2003/01/27 08:52				
BR	S = 0	^					
	_	0 (PMF with PANDA) and 385/\$.ccls. USPAT	2003/01/27 08:52				
BR	S 2	(PMF With PANDA) and 303/4.0000.					
	~ -	DCF and 385/\$.ccls. and ("-40" with dispersion)	USPAT				
BR	S 5	DCF and 383/5.001s. and (10 10 10 10 10 10 10 10 10 10 10 10 10 1					
	200	03/01/27 10:34					